

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims

Claim 1 (currently amended) An apparatus for stripping off a belts in a conveyor belt assemblies in the area of a drive and/or head pulley of the belt

- comprising a system carrier to be attached to a belt carrier frame,
- ~~at which~~ at least one stripping element is arranged on the system carrier,
- the stripping element having a stripping lamella mounted on a lamella holder,
- the stripping lamella contacting the belt in a peeling position,
- and wherein the stripping element has a bottom swivel mount coupled to the lamella holder and having a ~~horizontal~~ swivel axis substantially parallel to a plane of the belt, indication such as "horizontal" or the like here and in the following principally refer to the position of use of the stripping element ]

- ~~[as well as a]~~ spring means acting to press for pressing the stripping lamella on the lamella holder against the belt in such a form and arrangement that the lamella holder in the stripping peeling position of the stripping lamella is swivelled about the horizontal swivel axis in a spring loaded fashion, and when obstructions fast adhering to the belt impact on the stripping lamella, the lamella holder ~~may be easily deflected~~ deflects from and ~~returned~~ returns back to the a working position relative to on the belt,

characterized in that

- and wherein the stripping lamella (8) is swivel mounted at the lamella holder (7) by a top swivel mount (12) having a ~~horizontal~~ top swivel axis (14) substantially parallel to a plane of the belt and

is held by a top spring means in a spring biased fashion ~~whose~~ having spring action ~~with respect to the bottom swivel mount (11) and its spring means which is in the a counter sense with respect to the spring means of the bottom swivel mount.~~

Claim 2 (currently amended) The apparatus according to claim 1, characterized in that at least one of the spring means acting on the lamella holder (7) ~~via~~ at the bottom swivel mount (11) and~~/or~~ the top spring means acting on the stripping lamella (8) ~~via~~ at the top swivel mount (12) is a torsion spring.

Claim 3 (currently amended) The apparatus according to claim 1 or 2, characterized in that at least one of the top swivel mount and/or the bottom swivel mount (12,11) is configured to be a torsion spring bearing (15,16), in particular, a rubber torsion spring bearing.

Claim 4 (currently amended) The apparatus according to claim 2 or 3, characterized in that the torsion spring bearing (15, 16) is formed comprises of an internal square rod (25) and a correspondingly inside square housing (22, 23, 24) having spring elements (29) [of rubber or the like] in the corner areas [formed by] defined between the internal square rod (25) and the housing (22, 23, 24), for enlarging the maximum deflection angle consisting of at least two individual torsion springs coupled in series in a spring effective way, so that ~~the~~ an overall resulting deflection angle of the torsion spring bearing (15, 16) corresponds to ~~the~~ a sum of the deflection angles of the individual torsion springs.

Claim 5 (currently amended) The apparatus according to claim 4, characterized in that of three individual torsion springs formed side by side on a continuous internal square rod (25) having separate housings (22, 23, 24) and spring elements (29), ~~a double spring, i.e. a torsion spring having a double deflection angle, is created, wherein the two lateral housings (22, 23) are coupled in a torsion resistant manner and form one end of the double spring while the~~ a middle housing (24) is the other end of the double spring.

Claim 6 (currently amended) The apparatus according to claim 5, characterized in that one arm of the lamella holder (7) via which a connection is made between the bottom and the top torsion spring bearing (15, 16) has ~~its~~ at least one of:

a top end attached to the middle housing (24) of the top torsion spring bearing (16) configured as a double spring, and/or has its

a bottom end coupled to the middle housing (24) of the bottom torsion spring bearing (15) configured as a double spring, while the two lateral housings (22, 23) are each commonly attached to a respective one of the stripping lamella plate (31) (top torsion bearing (16)) and to a foot of the (bottom torsion bearing (15)) of the stripping element (6).

Claim 7 (currently amended) The apparatus according to claim 1 ~~any one of the preceding claims~~, characterized in that ~~the~~ an effective line (W) of ~~the~~ a stripping edge (9) of the stripping lamella (8) in the stripping position of the stripping lamella (8) at the belt (1) extends in ~~the~~ a bottom 90° sector defined between the horizontal and the vertical centre planes of the contact angle of the belt (1) on ~~the~~ a pulley (2) ~~in particular, however, in the so-called three o'clock position.~~

Claim 8 (currently amended) The apparatus according to ~~any one of the preceding claims~~ claim 1, characterized in that an the attack angle of the stripping lamella (8) in ~~its peeling off~~ the stripping position at the belt (1) is ~~in the angle range of~~ between about 40° and about 80° ~~against the~~ with respect to a tangent to the a radius of the angle of contact of the belt (1) at the pulley (2) in the point of the effective line (W) of the stripping edge (9) of the stripping lamella (8) ~~in particular, however, is about 60°.~~

Claim 9 (currently amended) The apparatus according to ~~any one of the preceding claims~~ claim 8, characterized in that the axis (13) of the bottom swivel mount (11) on the pulley side of the tangent to the radius of the angle of contact of the belt (1) at the pulley (2) is in the point of the effective line (W) of the stripping edge (9) of the stripping lamella (8), and the axis (14) of the top swivel mount (12) is on the side of the tangent facing away from the pulley (2).

Claim 10 (currently amended) The apparatus according to claim 9, characterized in that the axis (13) of the bottom swivel mount (11) is on or close to the tangent.

Claim 11 (currently amended) The apparatus according to ~~any one of the preceding claims~~ claim 1, characterized in that ~~the~~ a distance between the top and the bottom swivel mounts (12, 11) is chosen sufficiently great that the angle for the biasing amount of the spring means associated with the bottom swivel mount (15) and the angle ~~for the~~ of a deflection path of the lamella holder (7) about the bottom swivel axis (13) with obstructions (H) impacting on the stripping lamella (8) are together in the range of between 40° and 80°, ~~however together preferably about 65°~~

Claim 12 (currently amended) The apparatus according to claim 1 ~~any one of the preceding claims~~, characterized in that the stripping position of the stripping lamella (8) is ~~adjusted having the adjustable to provide a~~ adjusted having the adjustable to provide a desired attack angle of the stripping lamella (8) on the lamella holder (7) and to provide a ~~having the~~ right bias of the associated spring means, and is fixed by means of an adjustable screw, (19) ~~or a spacer or the like~~.

Claim 13 (currently amended) The apparatus according to claim 1 ~~any one of the preceding claims~~, characterized in that the biasing force of the spring means associated with the bottom swivel mount (15) is adjusted by suitably swivelling the lamella holder (7) about ~~the~~ a necessary biasing amount and fixing of the lamella holder (7) in the biased position, ~~e.g. by means of a particular screw (17) or by means of a spacer~~.

Claim 14 (currently amended) The apparatus according to claim 1 ~~any one of the preceding claims~~, characterized in that ~~the~~ setting of the stripping lamellae (8) in the stripping position at the belt (1) is carried out by accordingly swivelling the lamella holder (7) of the stripping elements (6) about the swivel mount (15) accompanied by biasing the associated spring means by the system carrier (4).

Claim 15 (currently amended) The apparatus according to claim 14, characterized in that the adjustment and biasing of the lamella holders (7) may be carried out by shifting the system carrier (4).

Claim 16 (currently amended) The apparatus according to claim 15, characterized in that a shifting of the system carrier (4) in a horizontal direction in the case of an effective line (W) of the stripping lamella (8) is in particular in the three o'clock position.

Claim 17 (currently amended) The apparatus according to any one of claims 14-16, characterized in that the system carrier (4) is carried at both ends directly in horizontally shifting bearings.

Claim 18 (currently amended) The apparatus according to any one of claims 14-16, characterized in that the system carrier is attached to rigid supports (33) at both ends, each supported by bearings arranged centrally in the area ~~or in the height~~ of the horizontal axis of the pulley (2) and in horizontally shifting bearings on both ends of the system carrier (4) and supported in horizontally shifting bearings (32).

Claim 19 (currently amended) The apparatus according to any one of claims 14-16, characterized in that the system carrier (4) is attached to rigid supports (33) at both ends, the supports being horizontally shiftable by means of bearings (32) each being arranged above the horizontal axis of the pulley (2).

Claim 20 (currently amended) The apparatus according to claim 14, characterized in that the system carrier (4) is arranged in an area below the effective line (W) of the stripping lamella (8) and the adjustment of the system carrier (4) is done by rotating ~~or swivelling~~ of the same by having a torque act on at least one of the system carrier (4) itself or on and its swivelling bearing.

Claim 21 (currently amended) The apparatus according to claim 20, characterized in that the torque is generated at least one of pneumatically, hydraulically ~~or~~ and mechanically by means of at least one of tension, pressure ~~or~~ and torsion springs ~~or by~~ and weight forces, ~~or the like.~~

Claim 22 (currently amended) The apparatus according to any one of claims 14, 20 and 21 as ~~well as 20, 21~~, characterized in that the torque is generated coaxially between the system carrier (4) and the lateral bearings of the system carrier (4).

Claim 23 (currently amended) The apparatus according to any one of claims 14, 20 and 21 as ~~well as 20, 21~~ characterized in that the torque is generated in bearings below or above the horizontal centre axis of the pulley (2) and each at a distance to this axis, at both ends of the system carrier (4), and the torque causes, via rigid lateral supports (33) carrying the system carrier (4), a swivel movement of the system carrier (4).

Claim 24 (new) The apparatus according to claim 3, wherein the torsion spring bearing is a rubber torsion spring bearing.

Claim 25 (new) The apparatus according to claim 7, wherein the stripping edge in the stripping position is in a three o'clock position.

Claim 26 (new) The apparatus according to claim 8, wherein the attack angle is about 60°.

Claim 27 (new) The apparatus according to claim 11, wherein the distance is chosen such that the angle for the biasing amount is about 65°.